

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2008-21	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Aft Beam	76630-02	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations .			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature <i>Jeff Clarke</i>		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name JEFF CLARKE		13e. Date (dd/mm/yyyy) 04 Nov 2009		14d. Name		14e. Date (dd/mm/yyyy)

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country Transport Canada		<div style="text-align: center;"> AUTHORIZED RELEASE CERTIFICATE FORM ONE </div>			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2008-21
6. Item	7. Description Forward Beam	8. Part Number 76630-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			<div style="text-align: center;"> 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. </div>		
13b. Signature <i>Jeff Clarke</i>		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name JEFF CLARKE		13e. Date (dd/mm/yyyy) 04 Nov 2009		14d. Name 14e. Date (dd/mm/yyyy)	
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AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Forward Beam Assembly Part #: 76630-01

Approval #: SH00-48 Serial #: --

WO #: 2008-21 Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Dec 16/08
Date

Off Chk.
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Aft Beam Assembly Part #: 76630-02

Approval #: SH00-48 Serial #: --

WO #: 2008-21 Quantity: 1

Eligibility: Bell 206L Series / 407 Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Dec 16/08
Date

Off Chk.
Inspector's Signature

CCHeli

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Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Forward Beam Assembly Part #: 76630-01
Approval #: SH00-48 Serial #: --
WO #: 2008-21 Quantity: 1
Eligibility: Bell 206L Series / 407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Oct 7/08
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Aft Beam Assembly Part #: 76630-02
Approval #: SH00-48 Serial #: --
WO #: 2008-21 Quantity: 1
Eligibility: Bell 206L Series / 407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Oct 7/08
Date

[Signature]
Inspector's Signature

WORK ORDER 2008-21

Date opened: 5 June 2008

Project: Quick Release Beams (High Basket)
Type: Bell 206L/407Batch Quantity: 3 Forward Beam (76630-01)
3 Aft Beam (76630-02)Approval: SH02-26
Drawing List: DCL766-2

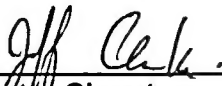
Fabrication and Assembly Drawing(s)	Description
76630, Rev. 0	Beams

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____


Inspector Signature: _____Oct 7/08
Date: _____SEE WO 2008-19 FOR RELEASE TAGS

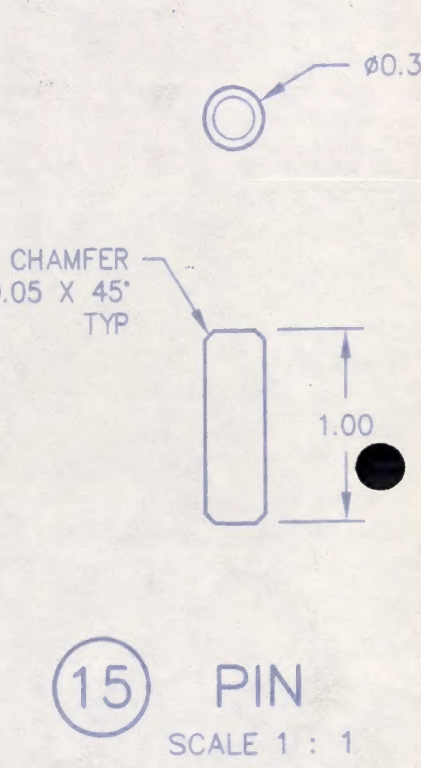
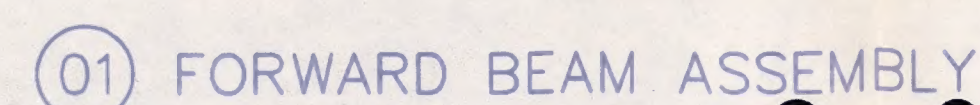
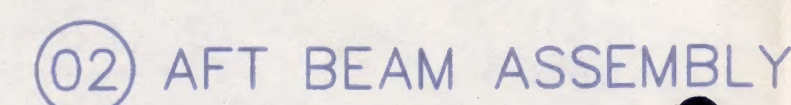
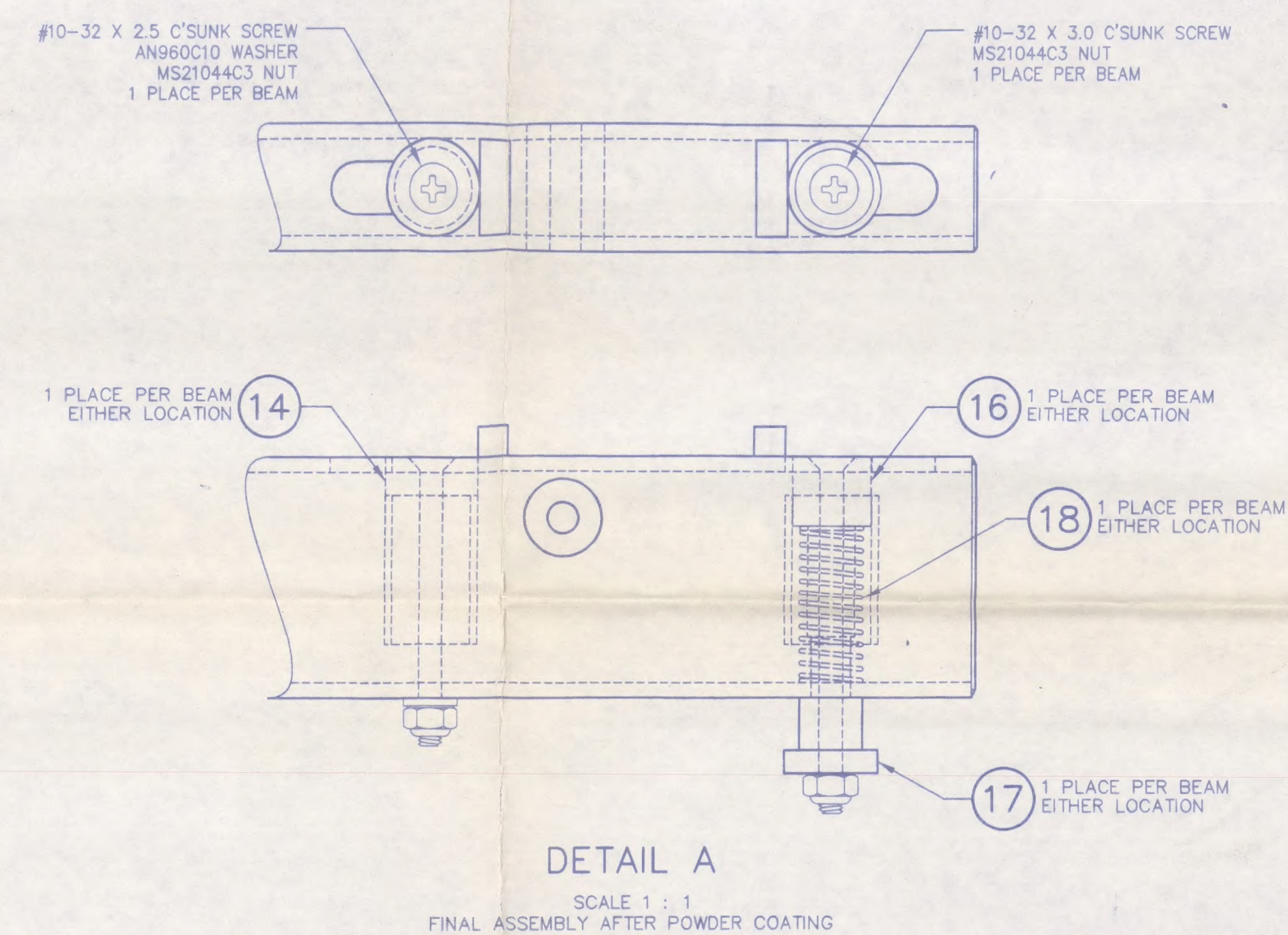
Drawing: 76630 Revision 0

Qty	Part #	Description	Material	P.O./W.O.	Checked
3	76630-01	Forward Beam			
3	76630-02	Aft Beam			
1	76630-03	Tube	304 Stainless 1.0 x 2.0 x 0.125 Tube	8065	
1	49222-04	Tube	304 Stainless 1.0 x 2.0 x 0.125 Tube	8065	
1	49222-05	Tube	304 Stainless 1.0 x 2.0 x 0.125 Tube	8065	
1	76630-06	Tube	304 Stainless 1.0 x 2.0 x 0.125 Tube	8065	
4	49222-07	Bushing	304 Stainless 0.625 Rod	6060	
4	49222-08	Bushing	304 Stainless 0.625 x 0.120 Tube	7008	
2	49222-09	Strap	304 Stainless 0.105 (12 Ga.) Sheet	7006	
2	76630-10	Cap	321 Stainless 0.025 Sheet	3021	
1	69830-10	Cap	321 Stainless 0.025 Sheet	3021	
1	69831-10	Cap	321 Stainless 0.025 Sheet	3021	
4	76630-13	Guide	304 Stainless 0.75 x 0.065 Tube	7006	
4	76630-14	Stop	6061-T6 Aluminum 0.75 Rod	3005	
4	76630-15	Pin	304 Stainless 0.313 Rod	6003	
2	69830-21	Stop	6061-T6 Aluminum 0.625 Rod	6061	
2	69830-22	Knob	6061-T6 Aluminum 0.75 Rod	3005	
2	69830-23	Spring	15mm x 70mm spring	6063	
4	69830-07	Block	304 Stainless 0.25 Sqr. Rod	7016	
4		#10-32 Stainless C'sunk Screw		6069	
4	MS21044C3	Nut		1013	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	Drawing 76630	ER308L Welding Rod		JE
Powder Coat	Drawing 76630			JS
Final Inspection	Drawing 76630			JC.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



QTY	QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	2	MS21044C3	NUT				
1	1	AN960C10	WASHER				
1	1	#10-32 X 2.5	C/SUNK SCREW	STAINLESS STEEL	COMMERCIAL		
1	1	#10-32 X 3.0	C/SUNK SCREW	STAINLESS STEEL	COMMERCIAL		
1	2	69830-03-09	BL O-RING	304 STAINLESS STEEL	ASTM A479	0.25 SQR ROD	
1	1	69830-22	18 SPRING		COMMERCIAL	15mm X 70mm SPRING	
1	1	69830-23	17 KNOB	6061-T6 ALUMINUM	Q-A-200/B	#0.75 ROD	
1	1	69830-21	16 STOP PIN	6061-T6 ALUMINUM	COMMERCIAL	#0.625 ROD	
1	1	7630-15	15 PIN	304 STAINLESS STEEL	ASTM A479	0.315 ROD	
1	1	7630-14	14 STOP	6061-T6 ALUMINUM	Q-A-200/B	#0.75 ROD	
2	2	7630-13	13 GUIDE	304 STAINLESS STEEL	ASTM A269	#0.75 X 0.065 ROD, TUBE	
1	1	69831-10	12 CAP	321 STAINLESS STEEL	AMS 550	0.025 SHEET	
1	1	69830-10	11 CAP	321 STAINLESS STEEL	AMS 550	0.020 SHEET	
1	1	69830-10	10 CAP	321 STAINLESS STEEL	AMS 5510	0.025 SHEET	
1	1	69830-06	09 STRAP	304 STAINLESS STEEL	MIL-S-5059	0.105 SHEET (12 GA.)	
2	2	49222-08	08 BUSHING	304 STAINLESS STEEL	ASTM A213	0.625 X 0.120 TUBE	
2	2	49222-07	07 BUSHING	304 STAINLESS STEEL	ASTM A479	0.625 ROD	
1	1	7630-06	06 TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE	
1	1	49222-05	05 TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE	
1	1	49222-04	04 TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE	
1	1	7630-03	03 TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE	
1	1	7630-02	02 AFT BEAM ASSEMBLY				
1	1	7630-01	01 FORWARD BEAM ASSEMBLY				
Q2	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
Q2	QTY				LIST OF MATERIALS		

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF STAINLESS STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C.
WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT FOR STAINLESS STEEL.
3. ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO INSTALLATION.

APPROVALS		DATE		<div>AERO DESIGN LTD.</div> <div>CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DR 290M 2010 - 90TH AVENUE N.E. EDMONTON, ALBERTA, CANADA, T2E 6B7 TEL: (403) 250-8027 FAX: (403) 250-8333 aerodesign@outspacelink.net</div>											
DRAWN:	JEFF CLARKE	10 SEPT 2007													
CHECKED:	E. BURGON														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:				<div>BELL 206L & 407</div> <div>CARGO BASKET INSTALLATION</div> <div>BEAMS</div>											
DECIMALS ANGLES															
X.XXX ±0.010 ±1/2"															
X.XX ±0.03															
X.X ±0.1				<table><tr><td>SCALE 1 : 2</td><td>DWG. SIZE</td><td>DWG. NO.</td><td>REV.</td></tr><tr><td>SHEET 1 OF 1</td><td>A0</td><td>76630</td><td>0</td></tr></table>				SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.	SHEET 1 OF 1	A0	76630	0
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